

WHAT IS CLAIMED IS:

1. A method of providing a distinctive call waiting tone based on a redirecting number, the method comprising:
receiving a call from an originating device at a redirecting device;
forwarding the call from the redirecting device to a destination device, the forwarded call having an associated data message that includes a calling number of the origination device, a called number of the destination device, and a redirecting number of the redirecting device; and
applying a distinctive type of call waiting tone to the destination device based upon determining that the data message includes the redirecting number.
2. The method of claim 1, further comprising applying a normal call waiting tone to the destination device for a second inbound call received by the destination device without call forwarding.
3. The method of claim 1, wherein the redirecting number is compared to a set of authorized numbers in a distinctive call waiting tone activation list and wherein the distinctive type of call waiting tone is applied when the redirecting number is found within the set of authorized numbers.
4. The method of claim 1, wherein the associated data message compatible with an SS7 compatible network.
5. The method of claim 1, wherein the method is implemented in a Vo IP type system.
6. The method of claim 1, wherein the method is implemented in a PBX type system.

7. A method of processing an intelligent network communication, the method comprising:
- receiving a query message including inbound call data at a switch control point;
 - determining that the inbound call data includes a redirecting number;
 - formulating a response message to the query message, the response message to indicate setting a distinctive type of call waiting tone on a subscriber line based on the determination that the inbound call data includes the redirecting number;
 - sending the response message to a service switching point; and
 - applying the distinctive type of call waiting tone after receiving the response message from the switch control point.
8. The method of claim 7, further comprising comparing the redirecting number to a plurality of authorized distinctive call waiting numbers.
9. The method of claim 8, wherein the response message indicates setting the distinctive type of call waiting tone only when the redirecting number is found within the plurality of authorized distinctive call waiting numbers.
10. The method of claim 7, wherein the switch control point is SS7 compatible.
11. A method of processing a communication, the method comprising:
- receiving a call request message including inbound call data;
 - determining that the inbound call data includes a redirecting number;
 - setting a distinctive type of call waiting tone on a subscriber line based on the determination that the inbound call data includes the redirecting number;
 - and
 - applying the distinctive type of call waiting tone to a call notification.

12. The method of claim 11, further comprising applying a normal call waiting tone to a second call notification for a second inbound call received without the redirecting number.

13. The method of claim 11, wherein the redirecting number is compared to a set of authorized numbers in a distinctive call waiting tone activation list and wherein the distinctive type of call waiting tone is applied when the redirecting number is found within the set of authorized numbers.

14. The method of claim 11, wherein the method is implemented on an SS7 compatible network.

15. The method of claim 11, wherein the method is implemented in a VoIP type system.

16. The method of claim 11, wherein the method is implemented in a PBX type system.

17. An intelligent network system comprising:
a switching control point;
a service switching point coupled to the switching control point;
wherein the service switching point sends a request message to the switching control point, the request message including a subscriber telephone number and a redirecting number; and
wherein the switching control point sends a response message to the service switching point, the response message including a field to identify activation of a distinctive type of call waiting feature.

18. The system of claim 17, wherein the service switching point is coupled to a destination subscriber communication device.

19. The system of claim 18, wherein the service switching point applies a distinctive call waiting tone to the destination subscriber communication device in response to evaluating the contents of the field to identify activation of the distinctive call waiting feature.

20. The system of claim 17, wherein the service switching point receives a call prior to sending the request message to the switching control point.

21. The system of claim 17, wherein the service switching point and the switching control point are SS7 compatible.

22. A system comprising:

a call facilitating module;

a call logic module coupled to the call facilitating module;

wherein the call facilitating module sends a request message to the call logic module, the request message including a subscriber telephone number and a redirecting number; and

wherein the call logic module sends a response message to the call facilitating module, the response message including a field to identify activation of a distinctive type of call waiting feature.

23. The system of claim 22, wherein the call facilitating module is configured to communication with a destination subscriber communication device.

24. The system of claim 23, wherein the call facilitating module applies a distinctive call waiting tone to the destination subscriber communication device in response to evaluating the contents of the field to identify activation of the distinctive call waiting feature.

25. The system of claim 22, wherein the call facilitating module receives a call message prior to sending the request message to the switching control point.